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## THE T-2 LENINGRAD TELEVISION RECEIVER

D. Kheyfets, V. Klibson

The T-2 Leningrad television receiver represents the first Soviet-produced postwar TV set with a picture tube 230 mm in diameter, providing a picture 135 x 180 mm in size. The set is designed to receive three channels, 49.75, 59.25, and 77.25 mc, with corresponding sound on 56.25, 65.75, and 83.75 mc, respectively. The receiver also can receive ultrashort-wave FM transmissions on the 66.0 - 67.5 mc band. Further, it provides reception of radio broadcast stations by means of the rf portion of the Leningradets receiver which is built into the TV receiver.

The set is designed to operate on ac line current (110, 127, or 220 v) and draws 320 w.

The sensitivity of the TV receiver on the video channel is at least 500 microvolts and at least 350 microvolts on the audio channel.

There are nine controls six knobs or the front of the cabinet; additional controls are located on the rear of the chassis.

The remainder of the article includes additional technical details, circuit diagram, chassis layout, and views of the set.

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